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PTO/SB/05 (4/98)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))

Attorney Docket No. C382.12-0143

First Inventor or Application Identifier James K. Klang

Title APPARATUS AND METHOD FOR PREDICTING THE
REMAINING DISCHARGE TIME OF A BATTERY

Express Mail Label No. EV241978984US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Address To:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-14501. ☒ *Fee Transmittal Form e.g., PTO/SB17)
(Submit an original and a duplicate for fee processing)2. ☒ Applicant Claims small entity status3. ☒ Specification [Total Sheets 38]
(preferred arrangement set forth below
- Descriptive title of the Invention)- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description

- Claim(s)

- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets 12]

5. Oath or Declaration [Total Sheets 2]

a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§1.63(d)(2) and 1.33(b).6. ☒ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or
Computer program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)a. ☐ Computer Readable Copy

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 Copies); orii. ☐ Paperc. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))10. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure Statement (IDS)/PTO - 1449 ☐ Copies of IDS Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)16. ☐ Nonpublication Request Under 35 USC 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent17. ☐ Other:18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an
Application Data Sheet under 37 CFR 1.76:☐ Continuation☐ Divisional☐ Continuation -in part (CIP)

of prior application No: /

Prior application information:

Examiner

Group/Art Unit:

FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name

Alan G. Rego

WESTMAN CHAMPLIN & KELLY

Address

Suite 1600 - International Centre

900 South Second Avenue

City

Minneapolis

State

MN

Zip Code

55402-3319

Country

USA

Telephone

(612) 334-3222

Fax

(612) 334-3312

Name (Print/type)

Alan G. Rego

Registration No. (Attorney/Agent)

45,956

Signature

A Rego

Date

12/30/03

FEE TRANSMITTAL

Complete if Known

Application No.

Filing Date

First Named Inventor

Title

Group Art Unit

Examiner Name

Herewith

James K. Klang

APPARATUS AND METHOD FOR
PREDICTING THE REMAINING
DISCHARGE TIME OF A BATTERY

Total Amount of Payment \$ 385

Atty. Docket Number

C382.12-0143

METHOD OF PAYMENT (Check One)

1. ☒ The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 23-1123.
Westman, Champlin & Kelly, P.A.

2. ☒ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$) Fee Description

1001 770 2001 385 ☒ Utility Filing Fee

1002 340 2002 170 ☐ Design Filing Fee

1004 770 2004 385 ☐ Reissue Filing Fee

1005 160 2005 80 ☐ Prov. Filing Fee

Subtotal (1) \$ 385

2. EXTRA CLAIM FEES

	Number Claims	Prior**	Extra	Fee from Below	Fee Paid
Total	15	20	0	18	0

Indep. 2 3 0 86 0

Multiple Dependent Claims

** Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity Small Entity

Fee Fee Fee Fee Description

Code (\$) Code (\$) Description

1202 18 2202 9 Claims in excess of 20

1201 86 2201 43 Independent claims in excess of 3

1203 290 2203 145 Multiple Dependent Claims

1204 86 2204 43 Reissue Independent Claims over
Original Patent

1205 18 2205 9 Reissue claims in excess of 20
and over original patent

Subtotal (2) \$ 0

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code	Code		

Code (\$) Code (\$)

1051 130 2051 65 Surcharge - Late filing fee or oath

1052 50 2052 25 Surcharge - Late provisional
Filing Fee or cover sheet

1053 130 1053 130 Non-English specification

1812 2,520 1812 2,520 For Filing a Request for Reexamination.
(ex parte)

1251 110 2251 55 Extension for reply within first month

1252 420 2252 210 Extension for reply within second month

1253 950 2253 475 Extension for reply within third month

1254 1,480 2254 740 Extension for reply within fourth month

1255 2,010 2255 1,005 Extension for reply within fifth month

1402 330 2402 165 Filing a brief in support of an appeal

1403 290 2403 145 Request for oral hearing

1814 110 2814 55 Terminal Disclaimer Fee

1452 110 2452 55 Petition to Revive - unavoidable

1453 1,330 2453 665 Petition to Revive - unintentional

1501 1,330 2501 665 Utility/Reissue issue fee (inc. advance
copies)

1502 480 2502 240 Design issue fee (inc. advance copies)

1460 130 1460 130 Petitions to the Commissioner

1807 50 1807 50 Petitions related to provisional
applications

1806 180 1806 180 Submission of Information Disclosure
Statement

8021 40 8021 40 Recording each patent assignment per
property (times number of properties)

Other Fee (specify) _____

Subtotal (3) \$

Signature

(Alan G. Rego)

Reg. No. 45,956

Date

12/30/03

Deposit Account No. 23-1123